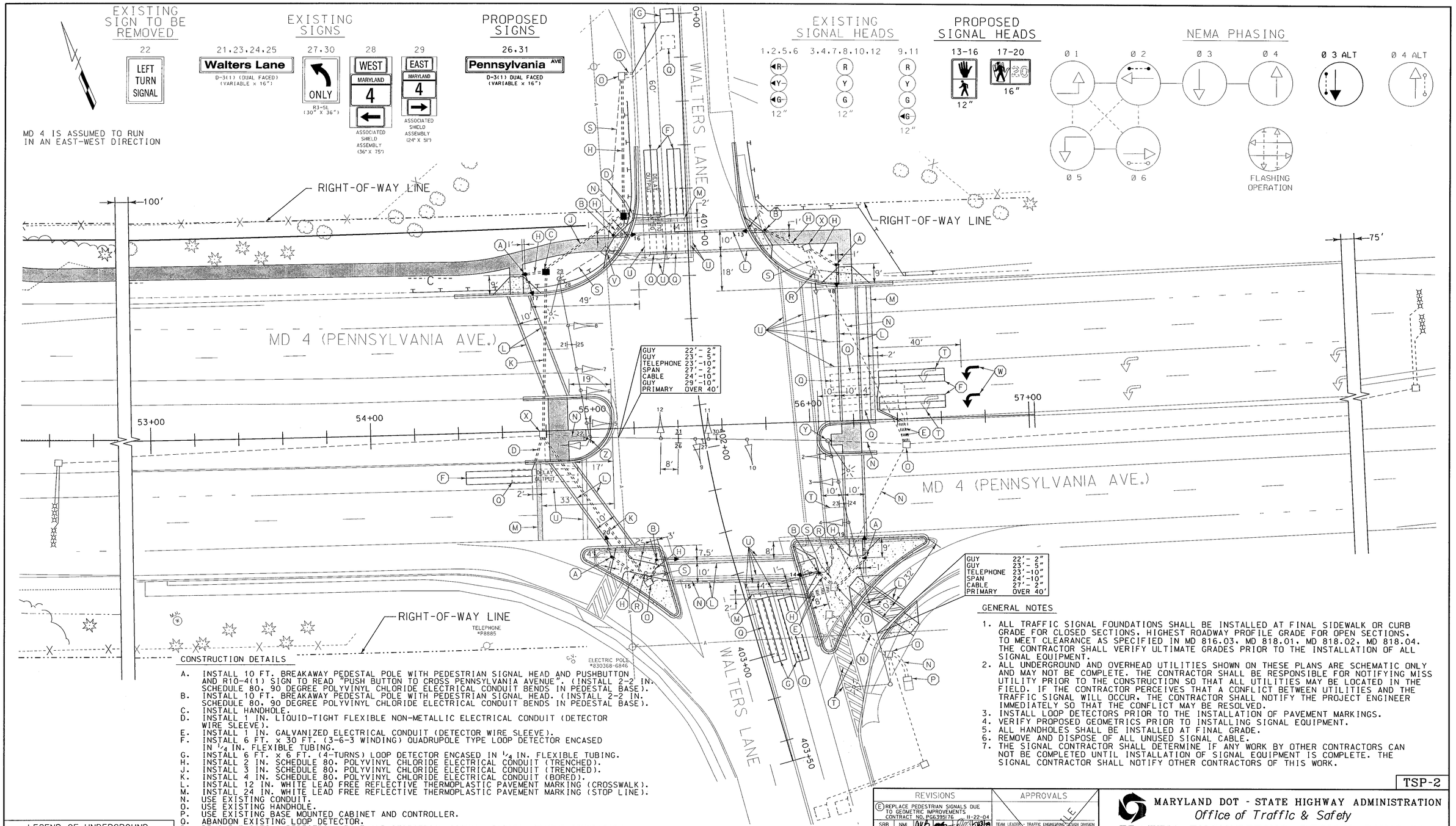

CONSTRUCTION DETAILS

A. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND R10-4(1) SIGN TO READ "PUSH BUTTON TO CROSS PENNSYLVANIA AVENUE". (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
B. INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD. (INSTALL 2-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN PEDESTAL BASE).
C. INSTALL HANDHOLE.
D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
E. INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
F. INSTALL 6 FT. x 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
G. INSTALL 6 FT. x 6 FT. (4-TURNS) LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
H. INSTALL 2 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
J. INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
K. INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
L. INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (CROSSWALK).
M. INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
N. USE EXISTING CONDUIT.
O. USE EXISTING HANDHOLE.
P. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER.
Q. ABANDON EXISTING LOOP DETECTOR.
R. REMOVE EXISTING PEDESTRIAN POLE AND PEDESTRIAN SIGNAL HEAD(S). REMOVE FOUNDATION 12 IN. BELOW GRADE.
S. CAP AND ABANDON EXISTING CONDUIT.
T. REMOVE EXISTING PAVEMENT MARKINGS.
U. REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOP LINE.
V. REMOVE EXISTING HANDHOLE.
W. INSTALL WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT ARROW.
X. ADJUST EXISTING HANDHOLE TO FINAL GRADE.
Y. USE EXISTING STRAIN POLE. INSTALL PUSHBUTTON AND R10-4(1) SIGN. (SIGN TO READ: "PUSH BUTTON TO CROSS PENNSYLVANIA AVENUE").
Z. USE EXISTING STRAIN POLE. INSTALL PUSHBUTTON AND R10-4(1) SIGN. (SIGN TO READ: "PUSH BUTTON TO CROSS PENNSYLVANIA AVENUE") AND REMOVE EXISTING SIGN AS NOTED.

GENERAL NOTES

1. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. INSTALL LOOP DETECTORS PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
4. VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
6. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.
7. THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.

TSP-2

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates, LLP
801 South Caroline Street
Baltimore, Maryland 21231
(410) 235-3450

REVISIONS

E	REPLACE PEDESTRIAN SIGNALS DUE TO GEOMETRIC IMPROVEMENTS CONTRACT NO. PG6395176	11-22-04	SRB / NML
D	ADD PEDESTRIAN SIGNAL ACROSS EAST AND SOUTH LEG/MINOR MODS. SHA. NO.: XX1065285	9-2-2002	SMH
C	MODIFY SIGNAL EQUIPMENT DUE TO MINOR GEOMETRIC WORK SHA NO.: BW934M82	10-9-96	RRZ / MAR / DAZ / BRK
B	MODIFY SIGNAL FOR NEW GEOMETRICS SHA NO.: BW-500-802-312	12/90	EMM / SR / DAZ / ETP / TH

APPROVALS

TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
ASST. TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNALIZATION PLAN
MD 4 (PENNSYLVANIA AVE.) AND WALTERS LN.

DRAWN BY:	MATTHAI	F.A.P. NO.		TS NO.	SHEET NO.
CHECKED BY:	H. KILIAN, JR.	S.H.A. NO.	PG6395176	968D	
SCALE:	1" = 20'	COUNTY:	PRINCE GEORGES	T.I.M.S. NO.	59 OF
DATE:	6-26-73	LOG MILE:		F239	

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